

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IT2004/000618

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G04B19/18 G04B45/00 G04D3/00 G04B39/00 B23K26/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G04B G04D B23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 87 01 203 U1 (MANG, GEORG; STIGLBAUER, HELMUT, 8000 MUENCHEN, DE) 23 July 1987 (1987-07-23)	1,7,9,10
Y	claims	2,3,5,8
X	FR 2 767 931 A (LEE VINCENT KUO WEI) 5 March 1999 (1999-03-05) figures 1,2	1,7,9,10
X	GB 899 341 A (BERNARD TAUBERT) 20 June 1962 (1962-06-20) the whole document	1,6,10
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

25 April 2005

Date of mailing of the international search report

03/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Lupo, A

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IT2004/000618

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99/21061 A (MONTRES ROLEX S.A; ALBERTANI, SANDRO; BRANDLI, REMY; VICARIO, ATTILIO) 29 April 1999 (1999-04-29) page 4, line 5 - line 8 page 5, line 2 claim 13 figures 1-3	2
Y	EP 0 503 102 A (BOCK & SCHUPP GMBH & CO. KG) 16 September 1992 (1992-09-16) claims 1,2	3
Y	DE 83 27 171 U1 (RODI & WIENENBERGER AG, 7530 PFORZHEIM, DE) 19 January 1984 (1984-01-19) claim 1	5
Y	CH 790 774 D (METALLPRODUKTE AG) 30 June 1976 (1976-06-30) figure 1	8
A	DE 44 07 547 A1 (D. SWAROVSKI & CO., WATTENS, AT) 21 September 1995 (1995-09-21) the whole document	2
A	CH 684 453 A (BONINCHI S.A) 30 September 1994 (1994-09-30) column 1, line 15 - line 20 claims figure 2	5
A	DE 18 48 889 U (SUSI KORSCH) 22 March 1962 (1962-03-22) claim 1	7
A	US 4 234 948 A (MAEKAWA ET AL) 18 November 1980 (1980-11-18) column 5, line 65 - column 6, line 5	1
A	EP 0 854 403 A (MONTRES RADO S.A) 22 July 1998 (1998-07-22) column 3, line 54 - line 57	1

## INTERNATIONAL SEARCH REPORT

...formation on patent family members

International Application No

PCT/IT2004/000618

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 8701203	U1	23-07-1987	NONE	
FR 2767931	A	05-03-1999	DE 29714833 U1 FR 2767931 A3	30-10-1997 05-03-1999
GB 899341	A	20-06-1962	CH 367445 B CH 48960 A	31-10-1962 31-10-1962
WO 9921061	A	29-04-1999	CH 692256 A5 WO 9921061 A1	15-04-2002 29-04-1999
EP 0503102	A	16-09-1992	EP 0503102 A1	16-09-1992
DE 8327171	U1	19-01-1984	NONE	
CH 790774	D	30-06-1976	CH 585926 B5	15-03-1977
DE 4407547	A1	21-09-1995	NONE	
CH 684453	A	30-09-1994	CH 684453 A3	30-09-1994
DE 1848889	U	22-03-1962	NONE	
US 4234948	A	18-11-1980	JP 1246425 C JP 53124473 A JP 59022917 B JP 1246428 C JP 54017768 A JP 59022918 B JP 1346657 C JP 54065573 A JP 61013189 B JP 54065574 A JP 54066173 A JP 54066174 A JP 1363096 C JP 54070865 A JP 61029466 B JP 54098646 A JP 54098647 A CH 635475 A , B DE 2814920 A1 FR 2386852 A1 GB 1597683 A HK 7085 A MY 37985 A SG 80683 G	16-01-1985 30-10-1978 29-05-1984 16-01-1985 09-02-1979 29-05-1984 13-11-1986 26-05-1979 11-04-1986 26-05-1979 28-05-1979 28-05-1979 09-02-1987 07-06-1979 07-07-1986 03-08-1979 03-08-1979 15-04-1983 19-10-1978 03-11-1978 09-09-1981 01-02-1985 31-12-1985 03-08-1984
EP 0854403	A	22-07-1998	EP 0854403 A2	22-07-1998